

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-15 11:12:43
Date of Next Testing: 2028-10-14 11:12:43
Product Name: **D-(+)-Glucose**
CAS Number: 50-99-7
Specifications & Purity: Moligand™, for cell culture, for insect cell culture, ≥99.5%
Lot #: J2411807
SKU #: **G116307**
Version: **2**
Analysis #: **420254**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99.5-100 (%)	99.84500 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O:NH ₃ (2+3) = 99.2:0.8)	50-54 (°)	53.98°
Appearance (G116307)	white powder	White powder
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
Solubility in H ₂ O , clear colorless solution at 2 g in 15 ml of water	pass	Pass



John Su
QA & QC Manager